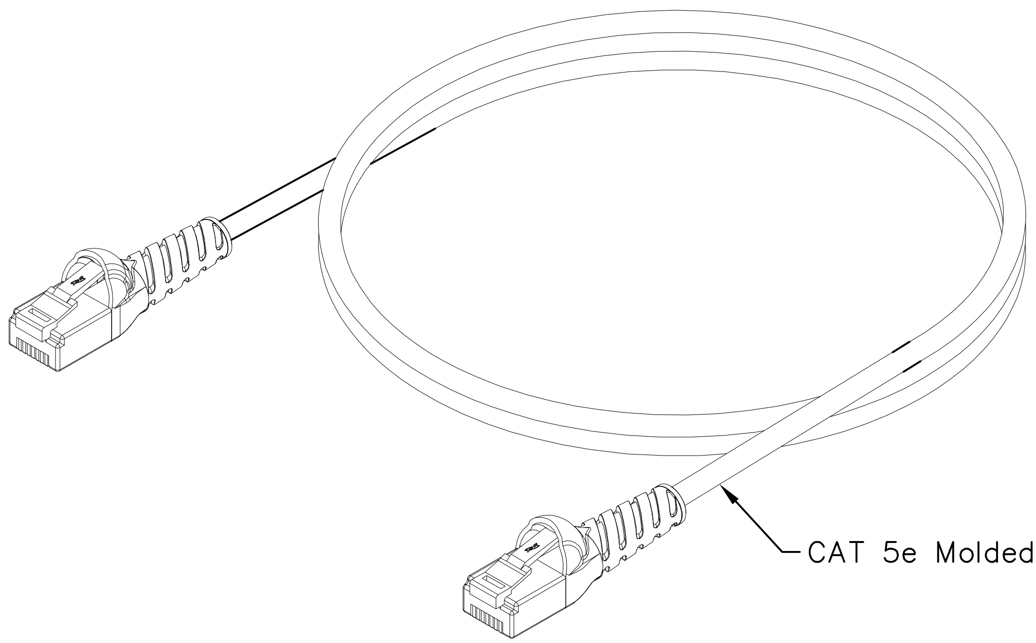
Category 5e Molded Boot Patch Cord

PRODUCT SPECIFICATION

Package includes:

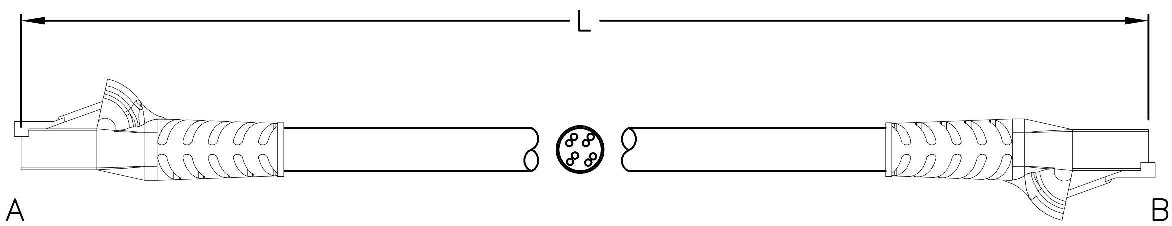
A. CAT 5e Molded Boot Patch Cord, 1 pc



Features and Benefits:

- 100 % Factory Tested , 50 Micro Inch Gold plated contacts .
- Exceeds ANSI/TIA-568-C requirements for permanent, channel link and component performances .
- Ultra Slim Low Profile boots for high density applications, no width wasted on boot.
- Backwards compatible to all lower rated category components.
- Constructed with Ultra Flexible, EZ release, Snag Free Molded Strain relief .
- Stranded 24 AWG copper wire (No substandard tinned copper materials used) .
- Safety: UL 1863 compliant with 94V-0 rated plugs, CSA, CMG, FT4 Flame rated.
- Available in 8 colors (Blue, Black, Green, Gray, Orange, Red, White, Yellow) .
- Available in 7 lengths (1, 3, 5, 7, 10, 14, 25 ft) .

PATCH CORD, CAT 5E, MOLDED BOOT			ICC PremiumProducts ProvenPerformance CompetitivePrices
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WIRING DIAGRAM		
PLUG A	PLUG B	COLOR
1	1	WHITE/ORANGE
2	2	*ORANGE
3	3	WHITE/GREEN
4	4	*BLUE
5	5	WHITE/BLUE
6	6	*GREEN
7	7	WHITE/BROWN
8	8	*BROWN

* A WHITE MARKING IS OPTIONAL

ITEM NO.	L(FT)	TOLERANCE(IN)
ICPCSJ01XX	1	+1.5 −0
ICPCSJ03XX	3	+1.5 −0
ICPCSJ05XX	5	+2 −0
ICPCSJ07XX	7	+2 −0
ICPCSJ10XX	10	+3 −0
ICPCSJ14XX	14	+3 −0
ICPCSJ25XX	25	+4 −0

NOTE: UNLESS OTHERWISE SPECIFIED

1. ELECTRICAL/PHYSICAL:
   A. CABLE:
      TEMPERATURE RATING, MAX 75°C
      WT./M/ NOM, NET 20.0 LBS
      CAPACITANCE, MUTUAL 17.1 PF/FT AT 1 MHZ
      DIELECTRIC WITHSTANDS, MIN 1000V RMS
      VOLTAGE RATING, MAX 30V
      D.C. RESISTANCE, MAX 28.6 OHMS
      IMPEDANCE, CHARACTERISTIC, NOM 100.0 OHMS +/-15 @ 1 MHZ TO 100 MHZ
   B. MODULAR PLUG:
      UL APPLICATIONS: 250 VOLTS MAX, AT 2 AMPS
      RESISTANCE OF INSULATION: 500 MEGOHMS
      RESISTANCE OF TERMINATION: 35 MILLIOHMS MAX AFTER 20°C
      DIELECTRIC WITHSTANDING VOLTAGE: 500 VOLTS AC
2. MATERIAL & FINISH:
   A. CABLE: CAT 5e PATCH CABLE
   B. JACKET: MATERIAL: PVC
      OVERALL DIAMETER: 0.204" +/-.008"
      AVERAGE THICKNESS: 0.020"
      INSULATION: MATERIAL: HIGH DENSITY POLYETHYLENE
      OVERALL DIAMETER: 0.038"
      AVERAGE THICKNESS: 0.007"
      TYPE CMG FT4
      CONDUCTOR: 24 AWG (7X32) UL RATED, BARE COPPER WIRE, STRANDED
      PERFORMANCE RATING: CATEGORY 5e
   C. MODULAR PLUG: UL AND cUL RECOGNIZED
      HOUSING: POLYCARBONATE, UL94V-0
      COLOR: NATURAL
      CONTACT: COPPER ALLOY
      GOLD PLATING: 1,27 MICRONS/50µ MIN ON CONTACTS
      MARKING: ICC LABEL ON RELEASE TAB
      NUMBER OF CONTACTS: 8
      PERFORMANCE RATING: CATEGORY 5e
3. STRAIN RELIEF:
   A. MATERIAL: 70P PVC, UL94V-0
4. MECHANICAL:
   A. CABLE-TO-PLUG TENSILE STRENGTH: 20 LBS [89N] MIN
   B. DURABILITY: 200 MATING CYCLES MIN
5. COLORS: XX: BL-BLUE, BK-BLACK, GN-GREEN, GY-GRAY, OR-ORANGE, RD-RED, WH-WHITE, YL-YELLOW

CATEGORY 5e CHANNEL REQUIREMENTS										
FREQUENCY (MHz)	1.0	4.0	8.0	10.0	16.0	20.0	25.0	31.25	62.5	100.0
NEXT LOSS (db)	60.0	53.5	48.6	47.0	43.6	42.0	40.3	38.7	33.6	30.1
PSNEXT LOSS (db)	57.0	50.5	45.6	44.0	40.6	39.0	37.3	35.7	30.6	27.1
PSELFEXT LOSS (db)	54.4	42.4	36.3	34.4	30.3	28.4	26.4	24.5	18.5	14.4
ELFEXT LOSS (db)	57.4	45.4	39.3	37.4	33.3	31.4	29.4	27.5	21.5	17.4
RETURN LOSS (db)	17.0	17.0	17.0	17.0	17.0	17.0	16.0	15.1	12.1	10.0
INSERTION LOSS (db)	2.2	4.5	6.3	7.1	9.1	10.2	11.4	12.9	18.6	24.0

c UL US FILE NO. 125268

PATCH CORD, CAT 5E, MOLDED BOOT

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